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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/032,156
Filing Date	December 21, 2001
First Named Inventor	Shokrollahi, M. Amin
Group Art Unit	2661
Examiner Name	
Attorney Docket Number	019186-003800US

Total Number of Pages in This Submission

5

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ENCLOSURES (check all that apply)

☐ Fee Transmittal Form

☐ Fee Attached

☐ Amendment / Response

☐ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/
Incomplete Application

☐ Response to Missing
Parts under 37 CFR
1.52 or 1.53

☐ Assignment Papers
(for an Application)

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition Routing Slip (PTO/SB/69)
and Accompanying Petition

☐ Petition to Convert to a
Provisional Application

☒ Power of Attorney, Revocation
Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s)

☐ After Allowance Communication to
Group

☐ Appeal Communication to Board of
Appeals and Interferences

☐ Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s)
(please identify below):

Return Postcard, Statement under 37 CFR
3.73(b) w/copy of assignment

Remarks

The Commissioner is authorized to charge any additional fees to
Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm
and
Individual name

Townsend and Townsend and Crew LLP

Gregory E. Stanton

Reg. No. 45,127

Signature

Date

April 26, 2002

CERTIFICATE OF MAILING

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4/26/02

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Julie Taylor Clough

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Julie Taylor Clough

Date

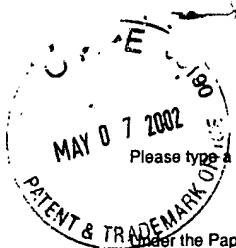
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SF 1339616 v1

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#5 P.O.A
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PTO/SB/81 (02-01)

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT	Application Number	10/032,156
	Filing Date	12/21/01
	First Named Inventor	SHOKROLLAHI
	Title	Multi-Stage Code Generator and Decoder for Communication Systems
	Group Art Unit	2661
	Examiner Name	
	Attorney Docket Number	19186-003800

I hereby appoint:

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I am the:

☐ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

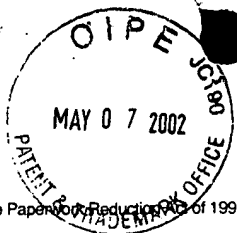
Name	Clifford B. Meltzer
Signature	<i>Clifford B. Meltzer</i>
Date	Apr 10, 2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

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PTO/SB/96 (08-00)

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Attorney Docket No. 19186-003800

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: SHOKROLLAHI et al.

Application No./Patent No.: 10/032,156

Filed/Issue Date: 12/21/2001

Entitled: MULTI-STAGE CODE GENERATOR AND DECODER FOR COMMUNICATION SYSTEMS

DIGITAL FOUNTAIN, INC., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____%

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
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3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

April 14, 2002
Date

Clifford B. Meltzer
Typed or printed name
[Signature]
Signature
President and CEO
Title

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ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, M. Amin Shokrollahi of 904 Regal Road, Berkeley, CA 94708; Soren Lassen of 233 Bartlett St., San Francisco, CA 94110; and Michael Luby of 1133 Miller Ave., Berkeley, CA 94708; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: MULTI-STAGE CODE GENERATOR AND DECODER
FOR COMMUNICATION SYSTEMS

Date(s) of execution of Declaration:

Filing Date: 12/21/01

Application No.: 10/032,156; and

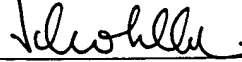
WHEREAS, Digital Fountain, Inc., a corporation of the state of Delaware, located at 39141 Civic Center Drive, Suite 300, Fremont, CA, 94538, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 03/20/2002



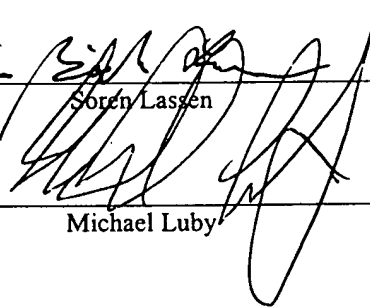
M. Amin Shokrollahi

Dated: 03/20/2002



Soren Lassen

Dated: 3/21/2002



Michael Luby